



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification ⁶ : A01H 4/00, 5/00, C12N 15/29, 15/31, 15/65, 15/67, 15/82, 15/84</p>	A1	<p>(11) International Publication Number: WO 00/07431</p> <p>(43) International Publication Date: 17 February 2000 (17.02.00)</p>															
<p>(21) International Application Number: PCT/US99/17806</p> <p>(22) International Filing Date: 3 August 1999 (03.08.99)</p>																	
<p>(30) Priority Data:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">60/095,163</td> <td style="width: 40%;">3 August 1998 (03.08.98)</td> <td style="width: 30%;">US</td> </tr> <tr> <td>60/095,167</td> <td>3 August 1998 (03.08.98)</td> <td>US</td> </tr> <tr> <td>60/112,257</td> <td>15 December 1998 (15.12.98)</td> <td>US</td> </tr> <tr> <td>60/131,611</td> <td>29 April 1999 (29.04.99)</td> <td>US</td> </tr> <tr> <td>60/138,764</td> <td>11 June 1999 (11.06.99)</td> <td>US</td> </tr> </table>	60/095,163	3 August 1998 (03.08.98)	US	60/095,167	3 August 1998 (03.08.98)	US	60/112,257	15 December 1998 (15.12.98)	US	60/131,611	29 April 1999 (29.04.99)	US	60/138,764	11 June 1999 (11.06.99)	US	<p>(74) Agents: RIGAUT, Kathleen, D. et al.; Dann, Dorfman, Herrell and Skillman, Suite 720, 1601 Market Street, Philadelphia, PA 19103 (US).</p>	
60/095,163	3 August 1998 (03.08.98)	US															
60/095,167	3 August 1998 (03.08.98)	US															
60/112,257	15 December 1998 (15.12.98)	US															
60/131,611	29 April 1999 (29.04.99)	US															
60/138,764	11 June 1999 (11.06.99)	US															
<p>(71) Applicant (for all designated States except US): RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY [US/US]; Old Queens, Somerset Street, New Brunswick, NJ 08903 (US).</p>																	
<p>(72) Inventors; and (75) Inventors/Applicants (for US only): MALIGA, Pal [HU/US]; 72 Yorktown Road, East Brunswick, NJ 08816 (US). KURODA, Hiroshi [JP/US]; Apartment 2C, 2 Redcliffe Avenue, Highland Park, NJ 08904 (US). KHAN, Muhammad, Sarwar [PK/US]; Russels Apartment, 761 Bevier Road, Piscataway, NJ 08854 (US).</p>																	
<p>(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p>																	
<p>Published <i>With international search report.</i></p>																	
<p>(54) Title: TRANSLATION CONTROL ELEMENTS FOR HIGH-LEVEL PROTEIN EXPRESSION IN THE PLASTIDS OF HIGHER PLANTS AND METHODS OF USE THEREOF</p>																	
<p>(57) Abstract</p> <p>DNA constructs containing translational control elements are provided. These 5' regulatory segments facilitate high level expression of transgenes introduced into the plastids of higher plants.</p>																	

BEST AVAILABLE COPY